

Title (en)
FLEXIBLE FLOOR COVERING

Title (de)
FLEXIBLER BODENBELAG

Title (fr)
REVÊTEMENT DE SOL SOUPLE

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Application
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Abstract (en)
[origin: WO2007082661A1] The invention relates to a flexible floor covering, in particular, rollable floor covering. Said covering comprises a carrier layer (10) and a cover layer (14) which is provided thereon and which has a plane and/or structured surface. Said cover layer comprises a paper or plastic film provided with a non-abrasive coating, by means of a radiation-hardening resin and an abrasive filling material. The carrier layer is multi-layered consisting of a first polymer layer (10) comprising filling particles, in particular wood particles and/or wood flour, and a stabilisation layer (12) which is formed in the direction of the cover layer and which is used to increase mechanical resistance of the polymer layer by means of rigid bodies, in particular by means of glass and/or plastic fibres. A stress relief layer (12) is arranged between the polymer layer and the paper and/or plastic layer, in particular, between the stabilising layer and the paper and/or plastic layer. Said stress relief layer is configured in such a manner that it compensates with the rigid body, a mechanical load of the paper and/or plastic film when the floor covering is bent.

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